Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Saturday 19 Feb 2022 until 23:59 on Sunday 20 Feb 2022

Forecast Issued on Saturday 19 Feb 2022 at 02:27

Confidence: High for a very unsettled and often windy period with regular changes between milder and colder conditions, but lower for timings of arrival and clearance of more persistent spells of precipitation.

Headline for Saturday 19 Feb 2022: Mostly cloudy with snow for a time. Winds easing but still cold

Mountain weather hazards on Saturday 19 Feb 2022

Blizzards No Likelihood	**Heavy persistent snow** Low Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny intervals	Cloudy	Heavy snow	Sleet	Cloudy	Light rain
Precipitation probability					
20%	20%	90%	60%	20%	40%

Forecast for Saturday 19 Feb 2022

Weather: A generally bright start with perhaps an isolated mainly light snow shower. Cloud soon increasing with persistent and occasionally heavy snow spreading east by late morning. The snow will turn lighter and patchier through the afternoon, also turning to rain below around 400-500m, but it will remain mostly cloudy. Outbreaks of rain spread east towards midnight.

Chance of cloud-free hill tops above 600m: Around 80% at first but becoming close to zero by late morning. Chances may improve briefly during the evening, before falling again later in the evening.

Low cloud and visibility: Occasional cloud just reaching the summits, becoming extensive above 300-450m by late morning, with patches below, the cloud may become more occasional above 450-600m for a time in the evening. Visibility generally poor or very poor in snow and cloud, with nearby landmarks difficult to make out or obscured. Occasionally good away from snow and low cloud.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Saturday 19 Feb 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	30/38 W	23/31 SW	21/29 S	19/26 W	20/28 W	19/27 W	24/33 SW
300	22/30 SW	17/24 SW	17/27 S	17/25 W	14/22 W	14/23 SW	18/27 SW
Valley	12/28 W	9/22 SW	8/20 SE	11/22 W	7/19 W	8/21 SW	10/24 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-2/-10	-1/-8	-0/-7	0/-6	0/-6	1/-5	2/-4
300	1/-6	1/-4	1/-5	2/-3	3/-2	4/-1	5/-0
Valley	2/-3	2/-2	1/-3	3/-1	3/-0	4/0	4/1
Freezing Level*	300m	300m	300m	600m	600m	800m	1300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts perhaps still around 50mph over higher peaks at dawn and also later in the afternoon.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sat 19 Feb 2022	14.8mm	20.8mm	40mm

Forecast for Sunday 20 Feb 2022

Weather: Heavy rain continues through much of the day with a thaw of any lying snow making underfoot conditions very wet. The rain, perhaps patchier in the east at times, turns more showery towards evening with perhaps some clearer spells developing, the showers turning increasingly to snow on the summits by evening and to lower levels later.

Maximum wind: Southwesterly veering westerly 30-35mph, with gusts around 60mph over higher peaks.

Chance of cloud-free hill tops above 600m: Little chance through much of the day, improving a little after dark

Low cloud and visibility: Periods or persistent cloud above 450-600m, with patches below across western hills, but cloud more occasional above 600m at times in the east and more generally in evening. Otherwise visibility rather hazy falling to just a few kilometres in heavier rain becoming very good from mid-afternoon but falling to a kilometre or less in snow showers.

Temperature: **Valleys:** Around plus 4 or 5 Celsius rising to plus 11 by midday, falling back to plus 1 or 2 in evening
At 600m: Around plus 1 Celsius rising to plus 6 Celsius by dawn, falling to minus 1 Celsius later
Freezing level: Above summits, falling back towards 450m in evening

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